

C L A I M S

1.- Stackable tray for transport of fruit and horticultural products, constructed from a compact cardboard sheet in a single piece or by assembly of five pieces of compact cardboard, which define the base, greater side walls and end pieces, the last provided with prism-shaped reinforcements on the corners obtained by an enveloping construction of several sectors defined in an extension provided at each end of said end pieces, and further provided with means allowing the stable and correct stacking of trays, essentially characterised in that the end extensions of end pieces (3) are provided with folding lines which give rise to a first, second, third, fourth and fifth consecutive sections (8,9,10,11,12), where first sector (8) is larger than the second sector (9), with these sectors folded on each other and attached perpendicular to end piece (3) from which they originate, with first sector (8) attached by its external surface on the inner face of the corresponding side wall of the tray, while extreme fourth sector (11) and fifth sector (12), which also differ in size, are attached to each other through the external face of larger fifth sector (12) folded onto the inner face of the corresponding end segment of end piece (3), with third sector (10) remaining perpendicular to the diagonal of the corresponding corner; with double trapezoidal ridges (15) provided in correspondence with the upper edge of the concurrent prismatic reinforcements of each corner, said ridges created by upper extensions of both the inner and outer wall of said corner reinforcements, and where double upper ridges (15) are complementary of bottom openings or slits (5) provided for insertion of the former in the latter when the tray is stacked with other identical trays.

2.- Stackable tray for transport of fruit and horticultural products as claimed in claim 1, characterised in that the extreme sector (12) of each end of the corners extends into an adjacent sector (13) which is attached by folding on the inner face of first sector (8), between the edge or corner of the box and the inner edge of sector (9) correlated and attached to the same sector (8).

3.- Stackable tray for transport of fruit and horticultural products as claimed in claim 1, characterised in that end pieces (3) are provided next to their ends with elongated flanges (14) which upon stacking of the trays are inserted in openings (4) provided on the bottom of the trays, aiding in the stabilisation of the stack provided by ridges (15) defined in the corner reinforcements.

4.- Stackable tray for transport of fruit and horticultural products as claimed in claim 1, characterised in that the prism-shaped corner reinforcements are formed by the superposed arrangement of five sectors (8'), (9'), (10'), (11') and (12'), with sectors (10') and (12') attached to each other, so that such sectors (10') and (12') are provided on their upper edge with trapezoidal ridges (15') complementary of slits (5') provided for such purpose on the lower edge, such that the bottom of the box is provided with complementary openings allowing ridges (15') to pass when the trays are stacked.

5.- Stackable tray for transport of fruit and horticultural products, as claimed in claim 1, characterised in that it is obtained from a single sheet

of compact cardboard with the corresponding folding and cutting lines which define a base (1"), side walls (2") and end pieces (3"), with extensions (2'') and (3'') respectively folded on the inner face of said side walls (2") and end pieces (3"), such that said end pieces are provided with extreme extensions with transverse folding lines which correlatively define six sectors (8"), (9"), (10"), (11"), (12") and (13"), with sectors (8") and (9") superimposed on each other and with sector (8") attached to the inner face of the extreme part of the corresponding side wall, while sectors (11") and (12") are equally superimposed on each other and with sector (12") attached to the inner face of the extreme end of end piece (3"), and extreme sector (13") placed coplanar to (9") and similarly attached to the inner face of sector (8"), with intermediate sector (10") defining a diagonal wall which corresponds to the hypotenuse of the triangular shape of each prism reinforcement created by the enveloping folding of such sectors, so that on base (1") and corresponding to the folding lines which limit base (1") and side walls (2") and end pieces (3") are provided openings (5") for insertion of ridges (15") provided in the upper edge of the prism-shaped corner reinforcements when trays are stacked on each other.